WHAT IS CLAIMED IS:

- 1. A liquid crystal display (LCD), comprising:
- a data storing means for storing present input data and outputting the stored present input data as previous input data;
 - a look-up table for storing corrected present input data and corrected previous input data, each of which corresponds to the present input data and the previous input data;
- a controlling means for generating first and second load 10 signals, storing the present input data at the data storing means, reading out the previous input data from the data storing means, converting the present input data and the previous input data into the corrected present input data and the corrected previous input data with reference to the lookup table, calculating a mean value based on the corrected present input data and the corrected previous input data, replacing the calculated mean value with value approximating to original gray scale data, and outputting the replaced value as free-charge data; and
 - a liquid crystal driving means for converting the free-charge data into analog signals and generating liquid crystal driving signals based on the converted analog signals in response to the first and second load signals.

2. An LCD as claimed in claim 1, wherein the look-up table stores preset 64 gray scale analog voltages corresponding to the present input data.

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- 3. An LCD as claimed in claim 1, wherein the controlling means comprises a correcting data generator for converting and outputting the present input data and the previous input data into the corrected present input data and the corrected previous input data with reference to the look-up table, an adder for adding both the corrected present input data and the corrected previous input data, a divider for dividing the data added by the adder to calculate the mean value, and a data replacer for replacing the mean value calculated by the divider with the value approximating to the original gray scale data and outputting the replaced value.
- 4. An LCD as claimed in claim 2, wherein the data replacer adds a predetermined weight to the mean value calculated by the divider and performs data replacement through rounding off.
 - 5. An LCD as claimed in claim 1, wherein the liquid crystal driving means comprises a digital/analog converter

for converting and outputting the free-charge data into the analog signals, a first switch for performing switching in response to the first load signal, a second switch for performing switching in response to the second load signal, a sample and holder circuit section for performing sampling and holding of output signals of the digital/analog converter when the first switch is switched, an output amplifier for amplifying and outputting the sampled and held signals when the second switch is switched.

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6. A method for driving a liquid crystal display (LCD) with a look-up table, in which the look-up table has a plurality of analog voltages corresponding to a plurality of gray scale data, the method comprising the steps of:

storing present input data at a data storage unit;

reading out the present input data stored at the data storage unit as previous input data;

converting the present input data and the previous input data into corrected present input data and corrected previous input data respectively with reference to the look-up table;

calculating a mean value based on the corrected present input data and the corrected previous input data;

generating free-charge data by replacing the calculated mean value with a value approximating to original gray scale

data and;

converting the free-charge data into analog signals and performing sampling and holding of the converted results; and amplifying the sampled and held analog signals to generate liquid crystal driving signals.

7. A method as claimed in claim 6, wherein the step of generating the free-charge data comprises the sub-steps of: adding a predetermined weight to the calculated mean value, and performing rounding off the mean value added by the weight.